

UNITED STATES DEPARTMENT OF THE INTERIOR DI-6

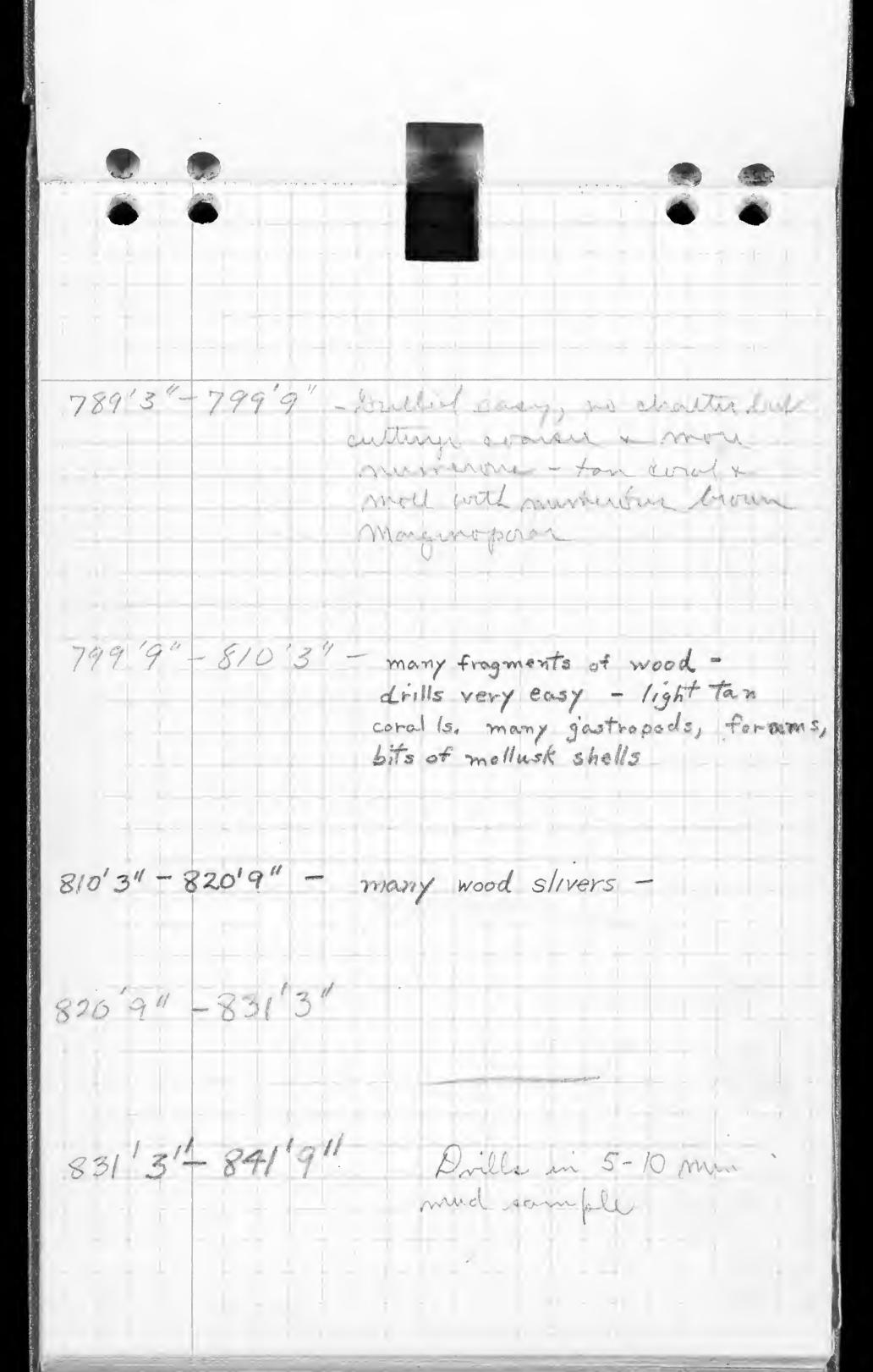
APPROVED DECEMBER 1941

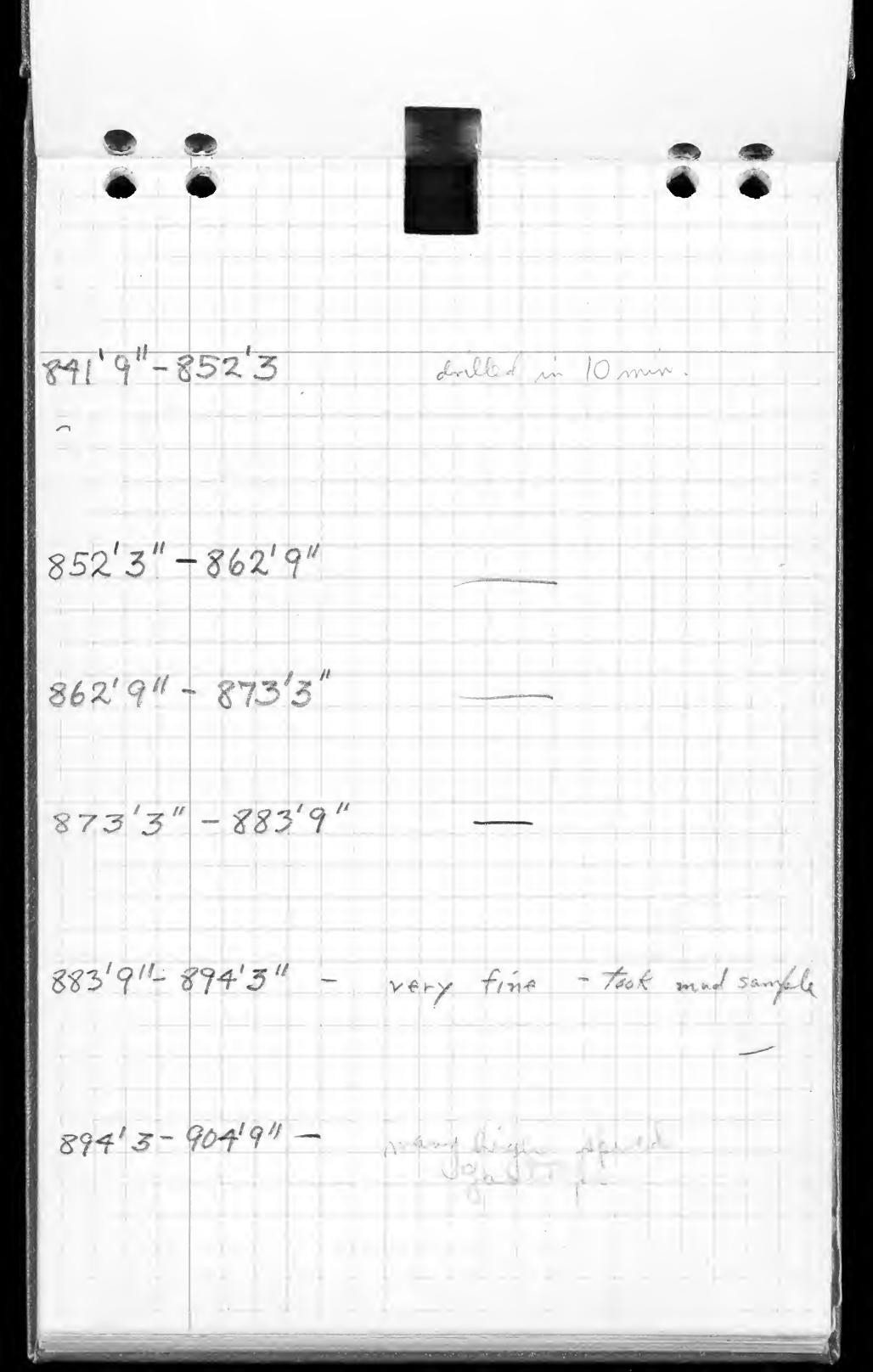


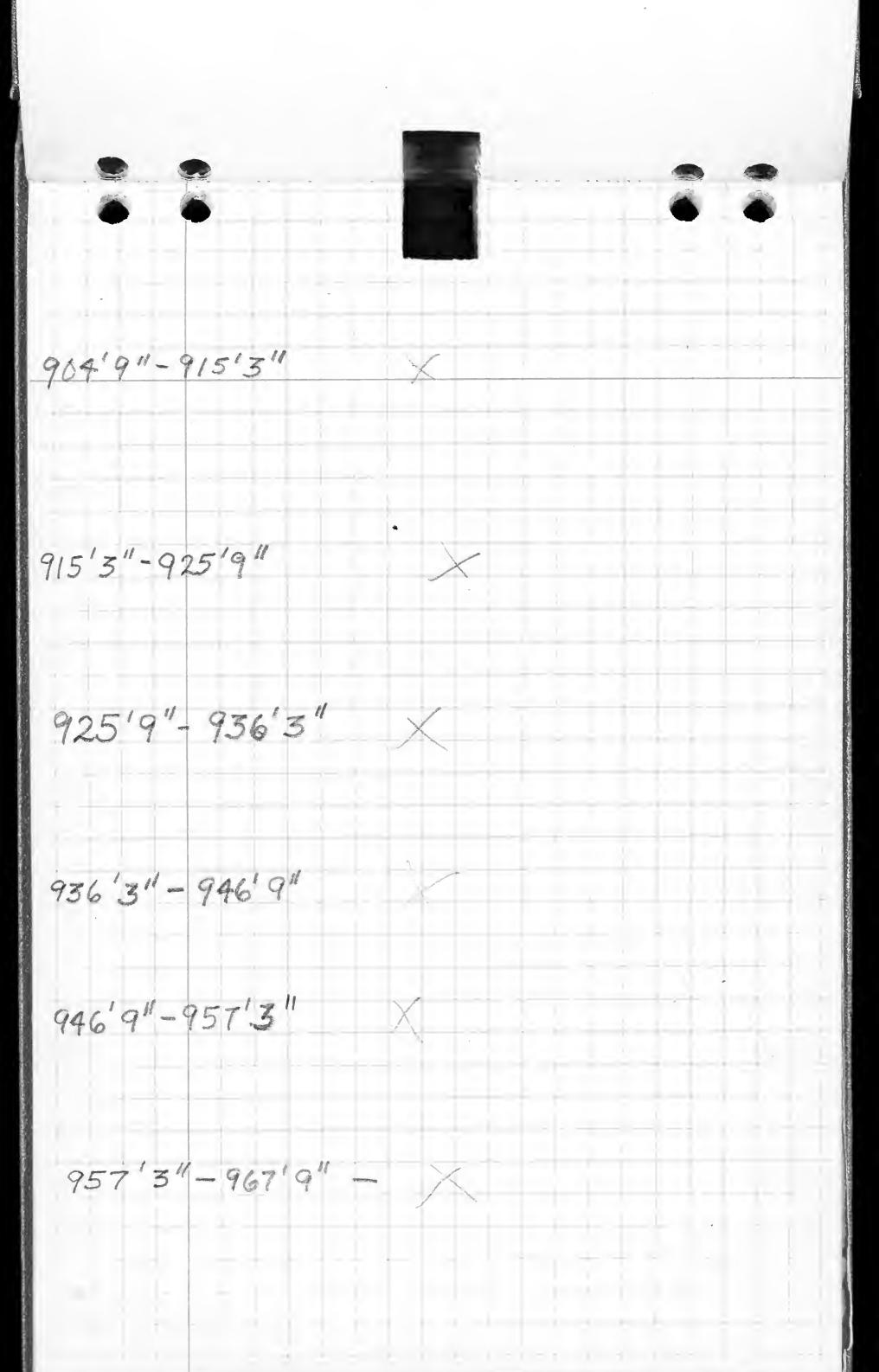


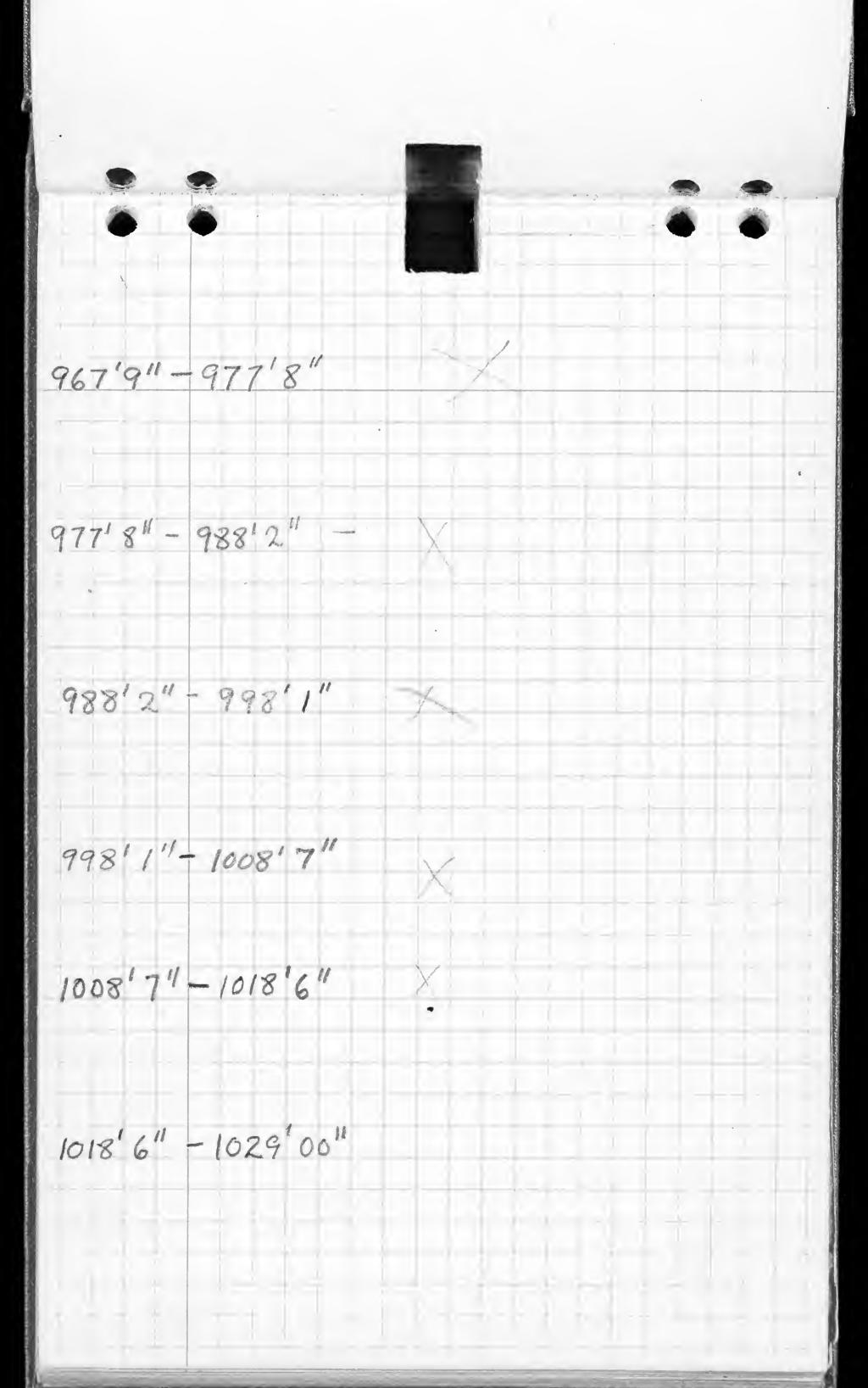
Mill. 110 2 p. 5 sq. = 1-inch

5 sq. = 1-inch 768 3" - Floorly commen ten cultings concl + model. (many, just) There from the of fairly Line was freely. Drulled roft Led with butter chatter in supper part, Word show getting from - better recovery - Driend Joll, yeldery very much or cultings, washed 2 apolling much to get proction at Leasycon cl. I'm 2 and with envedicated foram. Small sample com interpressing Le process y prom process son - I william to the terms of the contract in peneals of challer. Gullerye still en returning tan cord few small in - make log of much of force









2-Samples.
1) marked FINE taken
by holding cheeseclath ruck Work cultum direite then running water into rack to sure on much Cultings Cored & tan white crecen very fine fragments upper Lurger frankert grodel rand. fragover ly selen hurd there angular Lolges + lucyer fragments may be contamination due to recipente tou mud containing, Culturgs from a harder, shallower zene. Wagerness anchel malleres. corals, rure forcems, 2) regular sample 0800 Pit 26,4 Hole 27,6 Air 27.2 Jan 12. 12 M. M. Russell starts shift. and notated Dames & model core was just Core striven about 20 miles and brought to surface at 2.45. >1038'11'-1040'7' Dames 1 Moore con recovery - 20 miles or 100%

be controlered in 3 purts. I 1) Topmort & inches, labelled MUD in core box. This was cought in ove burrel above The regular we chamber in that pertion designed for muly und rettlings to pars out. It all drilling med although probably grading into valid rampled muterial toward a engl of this portion 2) Portion of we retained in covery chamber, This is intent for all of its 10 + piece : chipped out Treplaced) for 4 mehes from lop , This pertion is murked CORE in 3) Cutter. Bollom 2 mines of this ever was returned in is restored though not so perfeitly as fore. Note. Dunels & moure cores, when I received having sly wood gardet for box. Sumple appears to be

a mixture of roud & with The explaining por cutthing stermeles of from summe depths. color

a mixture of roud & delt. The material is quite fine roughly Explaining por cutting rumples of from herne depths. Eder when wet was stell gray, whele Throng natural color of couling of eluthing mudawaits for afores Lyanninghon, Thick officered forams with ereder perythery, also wheatshaped foram (mileotief?). on the last 180 feet of repe To receive children after corring 858, The Role "bridgest" 3 Times *
918, making it preserving for bridge by starting circulation at cache bridge brown bottom (10 38') a check of rocks that event clever with the bit is as follows. 1/9" 1) 5 /8 rock bit = 934'6 2) 8 9 rods ax 10 6 sach, = 1026 3) 5 rock at 20 6 each 1038'911 Thus bone field drilling reserved

at 1038 9 and first sample this denth 10 38'9" to end of Kelly I next runge 10391-1039 Cultings of various, seges lexture, colo, and content. Clernist of much which clefred werthing. Wind certies and the day and Corridoral Carronly of Element were thrown into just without adequate mixing with water). Woolf from plug after come a true Coment (see about I me unble from elug). prollerses both shells + molds while y tan. Corals summe windstron, kur forcers white & ten. Sample Swah. as though some of every previous sample had tolen might o mull this one which is probably exactly what happine in the thole: Preller regionts Thick at 1845-1046 & foot

104911 - 10597 Cuttings mere unformly lan them last though by no means completely so. Thomas molluce shell I molde. scrow fragments febrory perous algae (?) XLS (cloy both Leer Umfirmly dan, coult Blill gelting wookl. Echinord mixed with sample by catching mill in bog & wasting. Fines Luce . welmegers smalle, firmunaferer 1070 111 - 1080 711 mollines. - Coral. Uniform Tan sure white stell prays (contain mation?) many pieces of molluse shells underating harge spermens ges well as

Operatorna of Turbo, Coruls showing interree streames coloned to the eatherson of external ductury church ruttled towers end of rem. Shallow wells Feelle 10807 - 10911 Uniform ten, many brigh spered garlingoons, molluses circles about equal rune white walmeder. Extra fines, in glass viel share smaller formefece. "- 1101'7" Doubled casely but cultury coom + heary -Most of cultings are singular mereregue or ane stroken - for a edenty with low power; some moll motelle, some shell frag. rare unel marginopora Corale mot conficeion. 1112 1 - Doubled harder last his fl.; cuttings heavy and

- contain death of much even often regarone washing - The may be will-mudoled material from wells. are The red un drilled down pump stopped for last of gon I - took stock ? but wer freed without much Lower Mio) differently. Cultury exentell, 11121 - 1122 7" - Jan Re. will longer. forance - on sample in mal - Lower Muchan - name Holmode (from above?) 122'7"- 1133' 1" - Drulled sefter - Tan ls. rich in larger frame -servelor to carl 1133'1" - 1143'7" - Wn eled new roll-102 finer + were live entrumelant Tan foram la with for moll. morde of fragivents of shell

11437 - 1154 1 - innel strong with isony added to countered miralizati time y much, facil 4 of The senterist slightly haden the more server acounter to last; rece white marginal from - 1164 7 - molly soly low with hand streaker, west les almolant 64'7"- 1175 1" - Tan le arth merores que organie structure that appears obscure in artificial dight. 1010 la ila fare man seen lat brown Testulana (few) & white Magneyora (ren) voted Li oppean recytalinge

11751 - 11857' - Time hard streeter mear top and near tottom, with very soft drilling, the titinge servelor to last dert fiver; mate yellow aches to start 11961" Dulled John look and 1196'1" - 1206'7" - very soft, one hard streater mod. worm foraine som auttom. - probably interest 8:10 A - Janual out of hace to remove

14 January Noon to Midnight Carl Alexis Put cuttings K-1 0-295'6" in powdered milk carton started drilling about 12:30
18 21' lengths + 1 21' (stabilizer) on deck - took sample off bit 1206'.7" 1206/7"- 1217'1" -12/7'1"-1227'7" - tan fragments of coral, mollowsks, some forams, took sample of fines, drills easy 1227 7"- 1238'1" hit hard layer at 1230 lost circulation about same depth tan fragments of coral, mollusks, some forams drills hard - hardest streak on 1238'1"-1248'7 any coral island Mickle

appreciable amounts of white

"losing a lot of mud - must be a porous formation" Mickle

& light tan Is. fragments,

forams, mollusks

drills very hard 50 minutes white & light tan Ims. fragments of coral, Halimeda several species forams, some light colored pieces do not show Imestone - few small pores -1259'1"- 1269'7" struck softer layer 6-7 thick lost circulation 6" pipe has turned - probably broken soft near top of hole turned both easily with bar - prob. wow then by driet fifer. Rulled redk up inside 6" casing Shut down for night (pool) - 3 loves of 24 sacke @ 75 ch to pumped into abuild hole inth 535)-earlier tool had shown mot would such whole & that we were connected with some carrily. started pumping at 12; 35 PM

Fruited purying first tetely about 130 pm 15 immo diately mused and the of strular sheribiling, runged entire dutch in but furted to place here. Andles (Pick) motest that the fluid within the hole wither were men changed much below like level and kyon this sledgeld that med being washed array as fort undergreened circulation, it acous way connected with the orland the total amounted flyach weed in both butel was 13,500 (Elrenel (5,400 in fint) 7,100 in second). Effects to stal carrity by this means abundand at 414/1. 630 P.M. Hole not turnbed 11 7 / hro, Some pipe was rulled and server on page skowed serfusi of chilling flebel Two be at Next 5-4 feet from surfaces allogether removed and more to hold fluid Letter but emed

- Acle shed define south 1/20 faring search for as way & pending arrest i much by an ist. Old Hill waring on Berry del in so fulled & susted on the Except for for largite. Tell of men 4" only about \$ 50. The estimate mud in is ways with a store which fredrang from toler in bu 1/20 Allow which an atump a smade to compact in string in morel 40" pasing and traken or proceeding suffered - toy, Engith in Int had burhered), it is denid 27th my 1 2 grall 6" + left 2 150 - 7 in the in the sur the Fire - MANTEN Run down hot to 945 with to as countering my brety, allet end ton, water & fly hich heterming " of le". wiseming many, Densi : 1257 I rended it got cerentation lock shot down to my aquagel annew 132-5. Ch. aguerted

- Leave 6 1/2 testes Interest all ride out of hole and measured all with tope - en shute outrached & Drilling spectually coment following for Le oblamed conculation with clian water at 5/5 + 831 - ml est. 45 1/2 los in each com (why se low at 3/5 - inside 6" casing?). C: 10 1270 + lost all christation. I'll import in Thick and a sandut regains haf or less water ancelation for time ent mud & sawdent nous gly" at which point how were

in coment i Bulled up into 6" andery + when down to build a assister of the fee lener to colored from doctor to unsuch Jan 24 ~ Wed - 1 7AM Jan 254 Ran 1. 769 8" of 4" coarny (see attached sheets), strong stock about 26 aleur lottern by pulling & werking got it altren to within to within 7 (?) better out, but with tot, but up 500 lle prossure - out cal bottom - te be absorbed at higher levels. Jan 25 ~ Thank (cont.) Out of hote te nerviews but; lock to pick wy 43 on down to within I fort or less of bottom; pull of tottom with definantly; decaded not to try further manpulation for for of thurking old carring Sulled out of hole - away from t' - node moseund 500'234"+ lollom of com

Therefore al 1271'6 3/4 (3/2) believe man carry, Pumped en 6 gde cement - jever bull of to 300 lle + mud came bock in full retur an hour later semmed 1800 gola welle to counterout sulcan q, po - no return of cerculation bis 3 hrs. Columbration still stood 40' deler grown Jan 26 - FV1 Water is casing of 20 t - may indicate a seal that inne frittely at smoot suched that the column of fluxed in the prope is I higher grant Then their outside Into how will led at morn - hel comed at 320' - drilled out in cent to 390 - und arou When circulation, un lord - av 522 (leton packer) lich in comments drilled to 630 in count with no return of circulation - endunty ben lest there packed provide much uselin to pully prince up

In with 5 1/8 bit to clear convert ont of 6" carring. Make new

In with 5 /8 IN to clean convert pocker cutting! length of 6" down to 5" Started pocker on hele in early evening Jan 27 ~ Saturday Seated perseen at 6:30 AM. Into hate with 3 /8 much late wirech coment at 6396" little water

Till 110,2 33 is something the second of 5.1

losing little water 849 6" adding more from trus - losing limite water 870 120/P . 100 20 UN 6-40 pain punis - loose wirst pin Washed out 3:50 PM - d' - shot down to repair I double & single on grund -and har double pulled out 6.11 - Pipilia CHL. mous dieses permit with Gerdner-Penver In chrose pump garly to on the rump leady Dec out I were to Van 28 - Sunday Mid to Noon 0000-0345 Repaired & assembled original

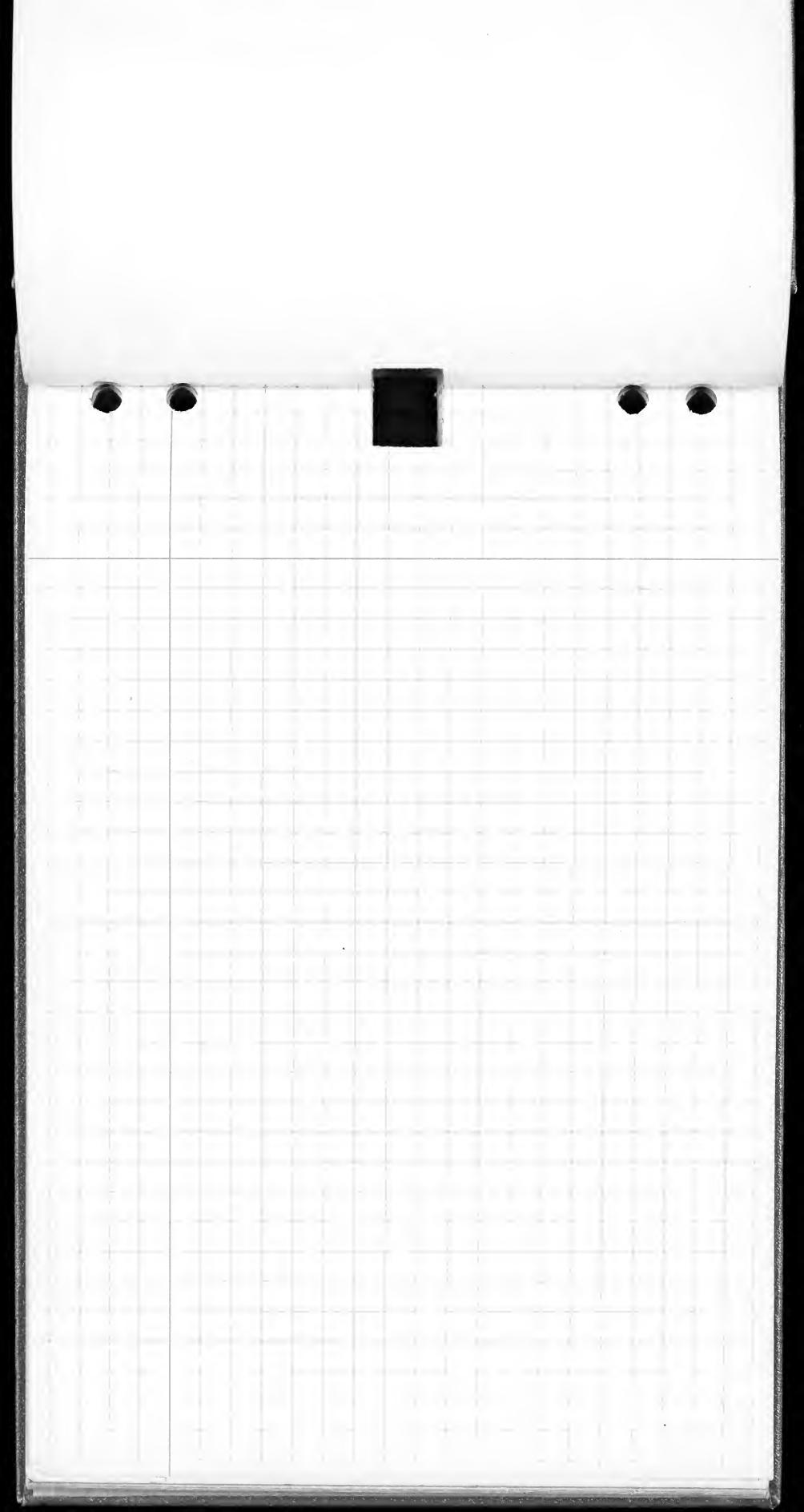
Bill 0,400 33 1.60. De 1728.4 Jan. 28 - Sunday - Mid to Noon Cont. Dbl. larger mirred red Xxx 0350

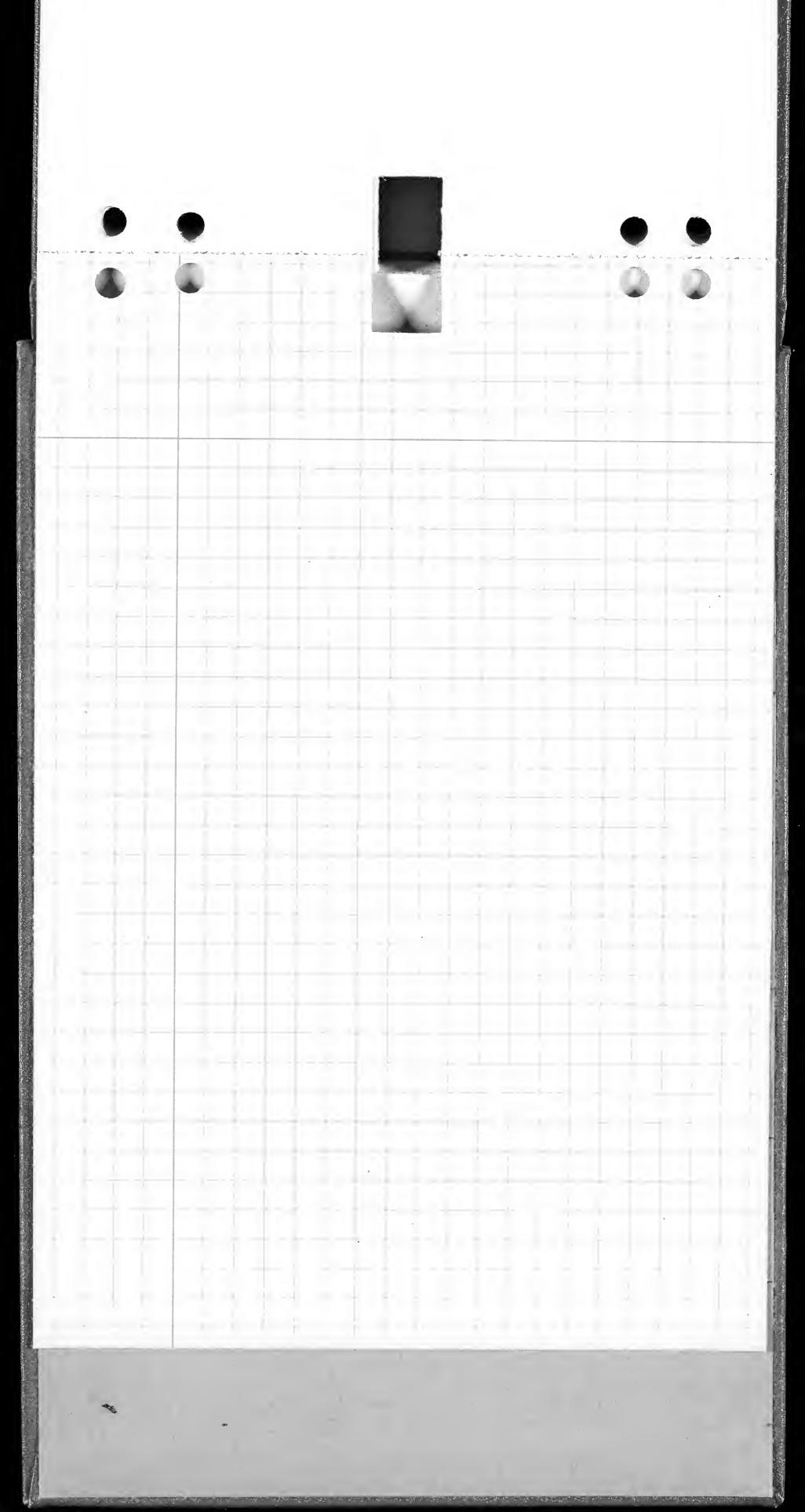
	Jan. 28 - Sunday - Mid to Woon Cont.
0350	Dol-levisio marked red Xx
0352	Dbl. length into hole Hit cement
	891'6"
0355	21
04:18	9-12-6- losini a little water
	93316"
0438	954 6"
0458	21 adding a little water 975 6" to mud pit -
0520	21,
0538	21
0603	1017'6"
	1038' 6"
0623	1059'6"
0644	21 = stopped adding water 1970' 6" to mud pit
0703	21 < startes with water to
	1091 6" mud pit
0725	1112'6"

ON THE COL

c

	(1	11126
	0810	1133' 6"
	0837	1154'6"
	0858	2+ 1175'6"
	0915	119616"
16_	0930	1217'6"
7.	0955	1238 6"
18	1010	21 Lost /2 of circulation between 1249'0" + 1259'6"
		1280 6" - T.P.
	12511	started cuity
		the convent - We did -
		Complete loss of circulation at 1259'6."
	1058	RIF C. Cilex is
	1 7	





GEOLOGISTS ON KAB van THE Alexis Russell 10 Wed Russell ·Ladd And the said Russell Alexis S. Colo Alexis Ladd 14 Ladd Russell 1 min MARCO

Bet 7 w